RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: _10/533,519_
Source: _PCT_
Date Processed by STIC: _4/4/06_

ENTERED

PCT

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 3 <110> APPLICANT: CLARK,HILARY
 4        SCHOENFELD,JILL
 5        VANLOOKEREN,MENNO
 6        WILLIAMS,P. MICKEY
 7        WOOD,WILLIAM I.
 8        WU,THOMAS D.
10 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODSF OR THE TREATMENT OF IMMUNE
11        RELATED DISEASES
13 <130> FILE REFERENCE: P1984R1 US
15 <140> CURRENT APPLICATION NUMBER: US 10/533,519
16 <141> CURRENT FILING DATE: 2005-04-28
18 <150> PRIOR APPLICATION NUMBER: PCT/US03/34312
19 <151> PRIOR FILING DATE: 2003-10-30
21 <150> PRIOR APPLICATION NUMBER: US 60/423,394
22 <151> PRIOR FILING DATE: 2002-11-01
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27 <211> LENGTH: 699
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapien
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38  gcgtacctgc tgtatatact gctgaccggg gcgctgcagt tcggttactg 200
40  tctcctcgtg gggacccttcc ccttcaactc tttttctctcg ggcttcatct 250
42  cttgtgtggg gagtttcatc ctagcggttt gcctgagaat acagatcaac 300
44  ccacagaaca aagcggattt ccaaggcatc tccccagagc gagcctttgc 350
46  tgattttctc tttgccagca ccatcctgca ccttgttgtc atgaactttg 400
48  ttggctgaat cattctcatt tacttaattg aggagtagga gactaaaaga 450
50  atgttcactc tttgaatttc ctggataaga gttctggaga tggcagctta 500
52  ttggacacat ggattttctt cagatttgac acttactgct agctctgctt 550
54  tttatgacag gagaaaagcc cagagttcac tgtgtgtcag aacaactttc 600
56  taacaaacat ttattaatcc agcctctgcc tttcattaaa tgtaacctttt 650
58  tgctttccaa attaaagaac tccatgccac tcctcaaaaa aaaaaaaaa 699
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61 <211> LENGTH: 113
62 <212> TYPE: PRT
63 <213> ORGANISM: Homo sapien
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Input Set : E:\P1984R1.txt
Output Set: N:\CRF4\04042006\J533519.raw

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75  Leu Leu Val Gly Thr Phe Pro Phe Asn Ser Phe Leu Ser Gly Phe
76                      50              55                      60
78  Ile Ser Cys Val Gly Ser Phe Ile Leu Ala Val Cys Leu Arg Ile
79                      65              70                      75
81  Gln Ile Asn Pro Gln Asn Lys Ala Asp Phe Gln Gly Ile Ser Pro
82                      80              85                      90
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100  accatggaga ggaggaggtg gagacttttg cctttcaggc agaaattgcc 150
102  caactcatgt ccctcatcat caataccttc tattccaaca aggagatttt 200
104  ccttcgggag ttgatctcta atgcttctga tgccttggac aagattcgct 250
106  atgagagcct gacagaccct tcgaagttgg acagtggtaa agagctgaaa 300
108  attgacatca tccccaaccc tcaggaacgt accctgactt ggtagacac 350
110  aggcattggc atgaccaaag ctgatctcat aaataatttg ggaaccattg 400
112  ccaagtctgg tactaaagca ttcatggagg ctcttcaggc tggtgcagac 450
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122  gacagagtac ctagaagaga ggcgggtcaa agaagtagtg aagaagcatt 700
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126  aaggaaatta gtgatgatga ggcagaggaa gagaaaggtg agaaagaaga 800
128  ggaagataaa gatgatgaag aaaaacccaa gatcgaagat gtgggttcag 850
130  atgaggagga tgacagcggt aaggataaga agaagaaac taagaagatc 900
132  aaagagaaat acattgatca ggaagaacta aacaagacca gcctatttg 950
134  gaccagaaac cctgatgaca tcacccaaga ggagtatgga gaattctaca 1000
136  agagcctcac taatgactgg gaagaccact ggcagtcaa gcacttttct 1050
138  gtagaaggtc agttggaatt cagggcattg ctatttattc ctcgtcgggc 1100
140  tccctttgac cttttgaga acaagaagaa aagaacaac atcaaactct 1150
142  atgtccgccg tgtgttcatc atggacagct gtgatgagtt gataccagag 1200
144  tatctcaatt ttatccgtgg tgtggttgac tctgaggatc tgcccctgaa 1250
146  catctcccga gaaatgctcc agcagagcaa aatcttgaaa gtcattcgca 1300
148  aaaacattgt taagaagtgc cttgagctct tctctgagct ggcagaagac 1350
150  aaggagaatt acaagaaatt ctatgaggca ttctctaaaa atctcaagct 1400
152  tggaatccac gaagactcca ctaaccgccg ccgcctgtct gagctgctgc 1450
154  gctatcatac ctcccagtct ggagatgaga tgacatctct gtcagagtat 1500
156  gtttctcgca tgaaggagac acagaagtcc atctattaca tcactggtga 1550
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PATENT APPLICATION: US/10/533,519   TIME: 10:30:37

Input Set : E:\P1984R1.txt
Output Set: N:\CRF4\04042006\J533519.raw

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166  gcaaggcaaa gtttgagaac ctctgcaagc tcatgaaaga aatcttagat 1800
168  aagaaggttg agaaggtgac aatctccaat agacttgtgt cttcaccttg 1850
170  ctgcattgtg accagcacct acggctggac agccaatatg gagcggatca 1900
172  tgaaagccca ggcacttcgg gacaactcca ccatgggcta tatgatggcc 1950
174  aaaaagcacc tggagatcaa ccctgaccac cccattgtgg agacgctgcg 2000
176  gcagaaggct gaggccgaca agaatgataa ggcagttaag gacctggtgg 2050
178  tgctgctgtt tgaaaccgcc ctgctatctt ctggcttttc ccttgaggat 2100
180  ccccagaccc actccaaccg catctatcgc atgatcaagc taggtctagg 2150
182  tattgatgaa gatgaagtgg cagcagagga acccaatgct gcagttcctg 2200
184  atgagatccc ccctctcgag ggcgatgagg atgcgtctcg catggaagaa 2250
186  gtcgattagg ttaggagttc atagttggaa aacttgtgcc cttgtatagt 2300
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190  ccccctgctg gtgtctagtg ttttttttccc tctcctgtcc ttgtgttgaa 2400
192  ggcagtaaac taagggtgtc aagcccatt ccctctctac tcttgacagc 2450
194  aggattggat gttgtgtatt gtgattatt ttattttctt cattttgttc 2500
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203  <213> ORGANISM: Homo sapien
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210                  20                 25                  30
212  Thr Phe Tyr Ser Asn Lys Glu Ile Phe Leu Arg Glu Leu Ile Ser
213                  35                 40                  45
215  Asn Ala Ser Asp Ala Leu Asp Lys Ile Arg Tyr Glu Ser Leu Thr
216                  50                 55                  60
218  Asp Pro Ser Lys Leu Asp Ser Gly Lys Glu Leu Lys Ile Asp Ile
219                  65                 70                  75
221  Ile Pro Asn Pro Gln Glu Arg Thr Leu Thr Leu Val Asp Thr Gly
222                  80                 85                  90
224  Ile Gly Met Thr Lys Ala Asp Leu Ile Asn Asn Leu Gly Thr Ile
225                  95                 100                 105
227  Ala Lys Ser Gly Thr Lys Ala Phe Met Glu Ala Leu Gln Ala Gly
228                  110                115                 120
230  Ala Asp Ile Ser Met Ile Gly Gln Phe Gly Val Gly Phe Tyr Ser
231                  125                130                 135
233  Ala Tyr Leu Val Ala Glu Lys Val Val Val Ile Thr Lys His Asn
234                  140                145                 150
236  Asp Asp Glu Gln Tyr Ala Trp Glu Ser Ser Ala Gly Gly Ser Phe
237                  155                160                 165
239  Thr Val Arg Ala Asp His Gly Glu Pro Ile Gly Arg Gly Thr Lys
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Input Set : E:\P1984R1.txt
Output Set: N:\CRF4\04042006\J533519.raw

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248    Tyr Pro Ile Thr Leu Tyr Leu Glu Lys Glu Arg Glu Lys Glu Ile
249                 215                 220                 225
251    Ser Asp Asp Glu Ala Glu Glu Glu Lys Gly Glu Lys Glu Glu Glu
252                 230                 235                 240
254    Asp Lys Asp Asp Glu Glu Lys Pro Lys Ile Glu Asp Val Gly Ser
255                 245                 250                 255
257    Asp Glu Glu Asp Asp Ser Gly Lys Asp Lys Lys Lys Thr Lys
258                 260                 265                 270
260    Lys Ile Lys Glu Lys Tyr Ile Asp Gln Glu Glu Leu Asn Lys Thr
261                 275                 280                 285
263    Lys Pro Ile Trp Thr Arg Asn Pro Asp Asp Ile Thr Gln Glu Glu
264                 290                 295                 300
266    Tyr Gly Glu Phe Tyr Lys Ser Leu Thr Asn Asp Trp Glu Asp His
267                 305                 310                 315
269    Leu Ala Val Lys His Phe Ser Val Glu Gly Gln Leu Glu Phe Arg
270                 320                 325                 330
272    Ala Leu Leu Phe Ile Pro Arg Arg Ala Pro Phe Asp Leu Phe Glu
273                 335                 340                 345
275    Asn Lys Lys Lys Lys Asn Asn Ile Lys Leu Tyr Val Arg Arg Val
276                 350                 355                 360
278    Phe Ile Met Asp Ser Cys Asp Glu Leu Ile Pro Glu Tyr Leu Asn
279                 365                 370                 375
281    Phe Ile Arg Gly Val Val Asp Ser Glu Asp Leu Pro Leu Asn Ile
282                 380                 385                 390
284    Ser Arg Glu Met Leu Gln Gln Ser Lys Ile Leu Lys Val Ile Arg
285                 395                 400                 405
287    Lys Asn Ile Val Lys Lys Cys Leu Glu Leu Phe Ser Glu Leu Ala
288                 410                 415                 420
290    Glu Asp Lys Glu Asn Tyr Lys Lys Phe Tyr Glu Ala Phe Ser Lys
291                 425                 430                 435
293    Asn Leu Lys Leu Gly Ile His Glu Asp Ser Thr Asn Arg Arg Arg
294                 440                 445                 450
296    Leu Ser Glu Leu Leu Arg Tyr His Thr Ser Gln Ser Gly Asp Glu
297                 455                 460                 465
299    Met Thr Ser Leu Ser Glu Tyr Val Ser Arg Met Lys Glu Thr Gln
300                 470                 475                 480
302    Lys Ser Ile Tyr Tyr Ile Thr Gly Glu Ser Lys Glu Gln Val Ala
303                 485                 490                 495
305    Asn Ser Ala Phe Val Glu Arg Val Arg Lys Arg Gly Phe Glu Val
306                 500                 505                 510
308    Val Tyr Met Thr Glu Pro Ile Asp Glu Tyr Cys Val Gln Gln Leu
309                 515                 520                 525
311    Lys Glu Phe Asp Gly Lys Ser Leu Val Ser Val Thr Lys Glu Gly
312                 530                 535                 540
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314  Leu Glu Leu Pro Glu Asp Glu Glu Glu Lys Lys Lys Met Glu Glu
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318              560              565              570
320  Leu Asp Lys Lys Val Glu Lys Val Thr Ile Ser Asn Arg Leu Val
321              575              580              585
323  Ser Ser Pro Cys Cys Ile Val Thr Ser Thr Tyr Gly Trp Thr Ala
324              590              595              600
326  Asn Met Glu Arg Ile Met Lys Ala Gln Ala Leu Arg Asp Asn Ser
327              605              610              615
329  Thr Met Gly Tyr Met Met Ala Lys Lys His Leu Glu Ile Asn Pro
330              620              625              630
332  Asp His Pro Ile Val Glu Thr Leu Arg Gln Lys Ala Glu Ala Asp
333              635              640              645
335  Lys Asn Asp Lys Ala Val Lys Asp Leu Val Val Leu Leu Phe Glu
336              650              655              660
338  Thr Ala Leu Leu Ser Ser Gly Phe Ser Leu Glu Asp Pro Gln Thr
339              665              670              675
341  His Ser Asn Arg Ile Tyr Arg Met Ile Lys Leu Gly Leu Gly Ile
342              680              685              690
344  Asp Glu Asp Glu Val Ala Ala Glu Glu Pro Asn Ala Ala Val Pro
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363  accagggcaa ccgcaccacg cccagctacg tggccttcac cgacaccgag 150
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375  aggcgtacct gggccagccc gtgaagcacg cagtgatcac cgtgcccgcc 450
377  tatttcaatg actcgcagcg ccaggccacc aaggacgcgg gggccatcgc 500
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381  cctatgggct ggaccggcgg ggcgcgggag agcgcaacgt gctcattttt 600
383  gacctgggtg ggggcacctt cgatgtgtcg gttctctcca ttgacgctgg 650
385  tgtctttgag gtgaaagcca ctgctggaga tacccacctg ggaggagagg 700
387  acttcgacaa ccggctcgtg aaccacttca tggaagaatt ccggcggaag 750
389  catgggaagg acctgagcgg gaacaagcgt gccctcggca ggctgcgcac 800
391  agcctgtgag cgcgccaagc gcaccctgtc ctccagcacc caggccaccc 850
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PATENT APPLICATION: US/10/533,519   TIME: 10:30:38

Input Set : **E:\P1984R1.txt**
Output Set: **N:\CRF4\04042006\J533519.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

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Input Set : E:\P1984R1.txt
Output Set: N:\CRF4\04042006\J533519.raw

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Seq#:1449; N Pos. 3300
Seq#:1489; N Pos. 36
Seq#:1571; N Pos. 1562
Seq#:1593; N Pos. 1104
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Seq#:1736; N Pos. 698,717,731
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Seq#:1934; N Pos. 4613,4614
Seq#:1950; N Pos. 148,151,152
Seq#:1970; N Pos. 3587,4738
Seq#:1979; N Pos. 893,894,895,896,897,898,899,900,901,902,903,904,905,906
Seq#:1979; N Pos. 907,908,909,910,911,912,913,914,915,916,917
Seq#:2062; N Pos. 1641,1758,1898
Seq#:2088; N Pos. 722,2090
Seq#:2089; Xaa Pos. 20
Seq#:2110; N Pos. 1442
Seq#:2274; N Pos. 3203
Seq#:2316; N Pos. 360
Seq#:2317; Xaa Pos. 57
Seq#:2416; N Pos. 1099
Seq#:2460; N Pos. 2912
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Seq#:2508; N Pos. 267,268,269,270,271,272,273,274,275,276,277,278
Seq#:2509; Xaa Pos. 44,45,46,47,48,49,50,51,52,53,54,55,56,57
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L:3198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:2950
L:4881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:700
L:15200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128 after pos.:1950
L:19355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:170 after pos.:45
L:23201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213 after pos.:60
L:24930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0
L:28443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:60
L:45941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:2150
L:45943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:2200
L:45945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:2250
L:45947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:2300
L:45949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:2350
L:45951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:2400
L:45953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:2450
L:45955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:443 after pos.:2500
L:51677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:489 after pos.:400
L:51679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:489 after pos.:450
L:52095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:494 after pos.:250
L:61546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:580 after pos.:60
L:68574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:637 after pos.:250
L:79959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:727 after pos.:9850
L:79963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:727 after pos.:9950
L:79965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:727 after pos.:10000
L:82004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:735 after pos.:11950
L:82006 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:735 after pos.:12000
L:84950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:761 after pos.:3200
L:84952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:761 after pos.:3250
L:84954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:761 after pos.:3300
L:84956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:761 after pos.:3350
L:84958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:761 after pos.:3400
L:84960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:761 after pos.:3450
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L:105269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:947 after pos.:450
L:105271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:947 after pos.:500
L:135332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1237 after pos.:0
L:135362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1237 after pos.:750
L:150758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1366 after pos.:700
L:151868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1374 after pos.:2000
L:155571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1408 after pos.:350
L:157420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1423 after pos.:2500
L:160162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1449 after pos.:3250
L:164959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1489 after pos.:0
L:173698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1571 after pos.:1550
L:175540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1593 after pos.:1100
L:187893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1693 after pos.:400
L:187909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1693 after pos.:800
L:187913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1693 after pos.:900
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L:187933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1693 after pos.:1400
L:187939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1693 after pos.:1550
L:187941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1693 after pos.:1600
L:190835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1707 after pos.:4150
L:193324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1727 after pos.:6950
L:194751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1736 after pos.:650
L:194753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1736 after pos.:700
L:194768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1737 after pos.:0
L:195905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:1500
L:195907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:1550
L:195909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:1600
L:195911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:1650
L:195913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:1700
L:195915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:1750
L:195917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:1800
L:195919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:1850
L:195927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:2050
L:195929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:2100
L:195931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:2150
L:195933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:2200
L:195935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:2250
L:195937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:2300
L:195939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:2350
L:195941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1744 after pos.:2400
L:196446 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1748 after pos.:3700
L:196450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1748 after pos.:3800
L:196534 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1748 after pos.:5900
L:198051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1761 after pos.:100
L:198053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1761 after pos.:150
L:205052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1818 after pos.:400
L:205852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1826 after pos.:2100
L:205854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1826 after pos.:2150
L:205856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1826 after pos.:2200
L:205858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1826 after pos.:2250
L:205860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1826 after pos.:2300
L:205862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1826 after pos.:2350
L:205864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1826 after pos.:2400
L:205866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1826 after pos.:2450
L:206068 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1828 after pos.:2100
L:209642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1866 after pos.:3600
L:214575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1918 after pos.:600
L:215869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1934 after pos.:4600
L:217396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1950 after pos.:100
L:217398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1950 after pos.:150
L:219685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1970 after pos.:3550
L:219731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1970 after pos.:4700
L:220519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1979 after pos.:850
L:220521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1979 after pos.:900
L:228261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2062 after pos.:1600
```

VERIFICATION SUMMARY   DATE: 04/04/2006
PATENT APPLICATION: **US/10/533,519**   TIME: 10:30:38

Input Set : **E:\P1984R1.txt**
Output Set: **N:\CRF4\04042006\J533519.raw**

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L:228267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2062 after pos.:1750
L:228271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2062 after pos.:1850
L:230228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2088 after pos.:700
L:230282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2088 after pos.:2050
L:230316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2089 after pos.:15
L:232163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2110 after pos.:1400
L:245909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2274 after pos.:3200
L:249241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2316 after pos.:350
L:249351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2317 after pos.:45
L:258902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2416 after pos.:1050
L:262888 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2460 after pos.:2900
L:266727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2508 after pos.:200
L:266729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2508 after pos.:250
L:266997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2509 after pos.:30
L:267000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2509 after pos.:45
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